<u>**Amendments to the Specification:**</u>

Please replace the paragraph beginning on page 10, line 18, with the following rewritten paragraph:

-- Fig. 20 shows a digital camera 610 using an image sensor 600 operated in extended dynamic range mode with fixed pattern noise correction. The digital camera stores the gain correction terms internally <u>(see 605)</u>. Once the gain correction terms have been applied to the pixels <u>by multiplier 615</u> to reduce fixed pattern noise, further image processing may take place. If the image sensor in the camera has a color filter array, such as the Bayer color filter, then the color filter processing generally needs to be done on linear data. An internal look-up table may be used to translate the non-linear photo-response to a linear photo-response curve. The look-up table would be generated and stored in the camera to match the non-linear photo-response curve. The digital camera may also optionally use an attached or detached flash illumination unit 620.--